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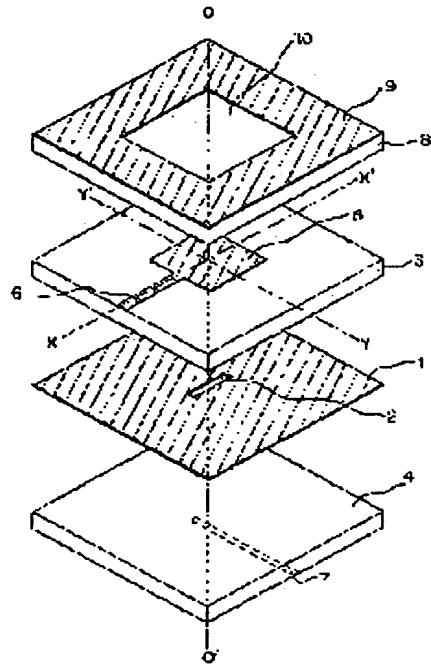
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(54) MICROSTRIP ANTENNA

(57)Abstract:

PURPOSE: To suppress spurious radiation from a discontinuous part of a feeding strip line, and to decrease the influence exerted on a radiation pattern, in the microstrip antenna used in common for two orthogonal polarized waves.

CONSTITUTION: In the microstrip antenna, one of two orthogonal polarized waves is fed from a feeding line 6 connected directly to a radiation conductor 5, and the other is fed from a feeding line 7 coupled electromagnetically through to the radiation conductor 5 through a slot 2. The feeding line of the former becomes a strip line of a balanced line consisting of a strip conductor 6 and ground conductor plates 1, 9 of both sides. Even if a discontinuous part exists in the strip line, spurious radiation therefrom is suppressed, and the influence exerted on a radiation pattern is decreased.



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